TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Chicago
2417 Bond Street
University Park, IL 60484
Tel: (708)534-5200

TestAmerica Job ID: 500-118397-1
Client Project/Site: Central Wire

For:
Autumnwood Consultants
6539 Autumnwood Court
Mount Pleasant, Wisconsin 53403

Attn: Mr. John Thorsen

Authorized for release by:
10/12/2016 8:29:19 AM

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LINKS

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Cover Page 1
Table of Contents 2
Case Narrative 3
Detection Summary 4
Method Summary 5
Sample Summary 6
Client Sample Results 7
Definitions 13
QC Association 14
Surrogate Summary 15
QC Sample Results 16
Chronicle 20
Certification Summary 21
Chain of Custody 22
Receipt Checklists 23

Case Narrative

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-118397-1

Job ID: 500-118397-1

Laboratory: TestAmerica Chicago

Narrative

Job Narrative
500-118397-1

Comments
No additional comments.

Receipt
The samples were received on 10/11/2016 1:32 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.9º C.

GC/MS VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-118397-1

Client Sample ID: GP-31 D — Lab Sample ID: 500-118397-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.00030	J	0.00050	0.00015	mg/L	1		8260B	Total/NA

Client Sample ID: GP-31 I — Lab Sample ID: 500-118397-2

No Detections.

Client Sample ID: GP-31 S — Lab Sample ID: 500-118397-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	0.0034		0.0010	0.00038	mg/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-118397-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CHI

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL CHI = TestAmerica Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Sample Summary

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-118397-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-118397-1	GP-31 D	Water	10/11/16 09:30	10/11/16 13:32
500-118397-2	GP-31 I	Water	10/11/16 10:45	10/11/16 13:32
500-118397-3	GP-31 S	Water	10/11/16 11:45	10/11/16 13:32

Client Sample Results

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-118397-1

Client Sample ID: GP-31 D

Lab Sample ID: 500-118397-1

Date Collected: 10/11/16 09:30
Date Received: 10/11/16 13:32

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.0020		0.0020	0.00067	mg/L			10/11/16 22:17	1
Chloromethane	<0.0010		0.0010	0.00032	mg/L			10/11/16 22:17	1
Vinyl chloride	<0.00050		0.00050	0.00020	mg/L			10/11/16 22:17	1
Bromomethane	<0.0020		0.0020	0.00080	mg/L			10/11/16 22:17	1
Chloroethane	<0.0010		0.0010	0.00051	mg/L			10/11/16 22:17	1
Trichlorofluoromethane	<0.0010		0.0010	0.00043	mg/L			10/11/16 22:17	1
1,1-Dichloroethene	<0.0010		0.0010	0.00039	mg/L			10/11/16 22:17	1
Carbon disulfide	<0.0020		0.0020	0.00045	mg/L			10/11/16 22:17	1
Acetone	<0.0050		0.0050	0.0017	mg/L			10/11/16 22:17	1
Methylene Chloride	<0.0050		0.0050	0.0016	mg/L			10/11/16 22:17	1
trans-1,2-Dichloroethene	<0.0010		0.0010	0.00035	mg/L			10/11/16 22:17	1
Methyl tert-butyl ether	<0.0010		0.0010	0.00039	mg/L			10/11/16 22:17	1
1,1-Dichloroethane	<0.0010		0.0010	0.00041	mg/L			10/11/16 22:17	1
2,2-Dichloropropane	<0.0010		0.0010	0.00044	mg/L			10/11/16 22:17	1
cis-1,2-Dichloroethene	<0.0010		0.0010	0.00041	mg/L			10/11/16 22:17	1
Methyl Ethyl Ketone	<0.0050		0.0050	0.0021	mg/L			10/11/16 22:17	1
Bromochloromethane	<0.0010		0.0010	0.00043	mg/L			10/11/16 22:17	1
Chloroform	<0.0010		0.0010	0.00037	mg/L			10/11/16 22:17	1
1,1,1-Trichloroethane	<0.0010		0.0010	0.00038	mg/L			10/11/16 22:17	1
1,1-Dichloropropene	<0.0010		0.0010	0.00030	mg/L			10/11/16 22:17	1
Carbon tetrachloride	<0.0010		0.0010	0.00038	mg/L			10/11/16 22:17	1
Benzene	<0.00050		0.00050	0.00015	mg/L			10/11/16 22:17	1
1,2-Dichloroethane	<0.0010		0.0010	0.00039	mg/L			10/11/16 22:17	1
Trichloroethene	<0.00050		0.00050	0.00016	mg/L			10/11/16 22:17	1
1,2-Dichloropropane	<0.0010		0.0010	0.00043	mg/L			10/11/16 22:17	1
Dibromomethane	<0.0010		0.0010	0.00027	mg/L			10/11/16 22:17	1
Bromodichloromethane	<0.0010		0.0010	0.00037	mg/L			10/11/16 22:17	1
cis-1,3-Dichloropropene	<0.0010		0.0010	0.00042	mg/L			10/11/16 22:17	1
methyl isobutyl ketone	<0.0050		0.0050	0.0022	mg/L			10/11/16 22:17	1
Toluene	**0.00030**	**J**	0.00050	0.00015	mg/L			10/11/16 22:17	1
trans-1,3-Dichloropropene	<0.0010		0.0010	0.00036	mg/L			10/11/16 22:17	1
1,1,2-Trichloroethane	<0.0010		0.0010	0.00035	mg/L			10/11/16 22:17	1
Tetrachloroethene	<0.0010		0.0010	0.00037	mg/L			10/11/16 22:17	1
1,3-Dichloropropane	<0.0010		0.0010	0.00036	mg/L			10/11/16 22:17	1
2-Hexanone	<0.0050		0.0050	0.0016	mg/L			10/11/16 22:17	1
Dibromochloromethane	<0.0010		0.0010	0.00049	mg/L			10/11/16 22:17	1
1,2-Dibromoethane	<0.0010		0.0010	0.00039	mg/L			10/11/16 22:17	1
Chlorobenzene	<0.0010		0.0010	0.00039	mg/L			10/11/16 22:17	1
1,1,1,2-Tetrachloroethane	<0.0010		0.0010	0.00046	mg/L			10/11/16 22:17	1
Ethylbenzene	<0.00050		0.00050	0.00018	mg/L			10/11/16 22:17	1
m&p-Xylene	<0.0010		0.0010	0.00018	mg/L			10/11/16 22:17	1
o-Xylene	<0.00050		0.00050	0.00022	mg/L			10/11/16 22:17	1
Styrene	<0.0010		0.0010	0.00039	mg/L			10/11/16 22:17	1
Bromoform	<0.0010		0.0010	0.00048	mg/L			10/11/16 22:17	1
Isopropylbenzene	<0.0010		0.0010	0.00039	mg/L			10/11/16 22:17	1
Bromobenzene	<0.0010		0.0010	0.00036	mg/L			10/11/16 22:17	1
1,1,2,2-Tetrachloroethane	<0.0010		0.0010	0.00040	mg/L			10/11/16 22:17	1
1,2,3-Trichloropropane	<0.0010		0.0010	0.00041	mg/L			10/11/16 22:17	1
N-Propylbenzene	<0.0010		0.0010	0.00041	mg/L			10/11/16 22:17	1

Client Sample Results

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-118397-1

Client Sample ID: GP-31 D

Date Collected: 10/11/16 09:30
Date Received: 10/11/16 13:32

Lab Sample ID: 500-118397-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorotoluene	<0.0010		0.0010	0.00031	mg/L			10/11/16 22:17	1
1,3,5-Trimethylbenzene	<0.0010		0.0010	0.00025	mg/L			10/11/16 22:17	1
4-Chlorotoluene	<0.0010		0.0010	0.00035	mg/L			10/11/16 22:17	1
tert-Butylbenzene	<0.0010		0.0010	0.00040	mg/L			10/11/16 22:17	1
1,2,4-Trimethylbenzene	<0.0010		0.0010	0.00036	mg/L			10/11/16 22:17	1
sec-Butylbenzene	<0.0010		0.0010	0.00040	mg/L			10/11/16 22:17	1
1,3-Dichlorobenzene	<0.0010		0.0010	0.00040	mg/L			10/11/16 22:17	1
p-Isopropyltoluene	<0.0010		0.0010	0.00036	mg/L			10/11/16 22:17	1
1,4-Dichlorobenzene	<0.0010		0.0010	0.00036	mg/L			10/11/16 22:17	1
n-Butylbenzene	<0.0010		0.0010	0.00039	mg/L			10/11/16 22:17	1
1,2-Dichlorobenzene	<0.0010		0.0010	0.00033	mg/L			10/11/16 22:17	1
1,2-Dibromo-3-Chloropropane	<0.0050		0.0050	0.0020	mg/L			10/11/16 22:17	1
1,2,4-Trichlorobenzene	<0.0010		0.0010	0.00034	mg/L			10/11/16 22:17	1
Hexachlorobutadiene	<0.0010		0.0010	0.00045	mg/L			10/11/16 22:17	1
Naphthalene	<0.0010		0.0010	0.00034	mg/L			10/11/16 22:17	1
1,2,3-Trichlorobenzene	<0.0010		0.0010	0.00046	mg/L			10/11/16 22:17	1
1,3-Dichloropropene, Total	<0.0010		0.0010	0.00042	mg/L			10/11/16 22:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*71 - 127*		*10/11/16 22:17*	*1*
Toluene-d8 (Surr)	*94*		*75 - 120*		*10/11/16 22:17*	*1*
4-Bromofluorobenzene (Surr)	*115*		*71 - 120*		*10/11/16 22:17*	*1*
Dibromofluoromethane	*93*		*70 - 120*		*10/11/16 22:17*	*1*

Client Sample Results

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-118397-1

Client Sample ID: GP-31 I

Date Collected: 10/11/16 10:45
Date Received: 10/11/16 13:32

Lab Sample ID: 500-118397-2
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.0020		0.0020	0.00067	mg/L			10/11/16 22:42	1
Chloromethane	<0.0010		0.0010	0.00032	mg/L			10/11/16 22:42	1
Vinyl chloride	<0.00050		0.00050	0.00020	mg/L			10/11/16 22:42	1
Bromomethane	<0.0020		0.0020	0.00080	mg/L			10/11/16 22:42	1
Chloroethane	<0.0010		0.0010	0.00051	mg/L			10/11/16 22:42	1
Trichlorofluoromethane	<0.0010		0.0010	0.00043	mg/L			10/11/16 22:42	1
1,1-Dichloroethene	<0.0010		0.0010	0.00039	mg/L			10/11/16 22:42	1
Carbon disulfide	<0.0020		0.0020	0.00045	mg/L			10/11/16 22:42	1
Acetone	<0.0050		0.0050	0.0017	mg/L			10/11/16 22:42	1
Methylene Chloride	<0.0050		0.0050	0.0016	mg/L			10/11/16 22:42	1
trans-1,2-Dichloroethene	<0.0010		0.0010	0.00035	mg/L			10/11/16 22:42	1
Methyl tert-butyl ether	<0.0010		0.0010	0.00039	mg/L			10/11/16 22:42	1
1,1-Dichloroethane	<0.0010		0.0010	0.00041	mg/L			10/11/16 22:42	1
2,2-Dichloropropane	<0.0010		0.0010	0.00044	mg/L			10/11/16 22:42	1
cis-1,2-Dichloroethene	<0.0010		0.0010	0.00041	mg/L			10/11/16 22:42	1
Methyl Ethyl Ketone	<0.0050		0.0050	0.0021	mg/L			10/11/16 22:42	1
Bromochloromethane	<0.0010		0.0010	0.00043	mg/L			10/11/16 22:42	1
Chloroform	<0.0010		0.0010	0.00037	mg/L			10/11/16 22:42	1
1,1,1-Trichloroethane	<0.0010		0.0010	0.00038	mg/L			10/11/16 22:42	1
1,1-Dichloropropene	<0.0010		0.0010	0.00030	mg/L			10/11/16 22:42	1
Carbon tetrachloride	<0.0010		0.0010	0.00038	mg/L			10/11/16 22:42	1
Benzene	<0.00050		0.00050	0.00015	mg/L			10/11/16 22:42	1
1,2-Dichloroethane	<0.0010		0.0010	0.00039	mg/L			10/11/16 22:42	1
Trichloroethene	<0.00050		0.00050	0.00016	mg/L			10/11/16 22:42	1
1,2-Dichloropropane	<0.0010		0.0010	0.00043	mg/L			10/11/16 22:42	1
Dibromomethane	<0.0010		0.0010	0.00027	mg/L			10/11/16 22:42	1
Bromodichloromethane	<0.0010		0.0010	0.00037	mg/L			10/11/16 22:42	1
cis-1,3-Dichloropropene	<0.0010		0.0010	0.00042	mg/L			10/11/16 22:42	1
methyl isobutyl ketone	<0.0050		0.0050	0.0022	mg/L			10/11/16 22:42	1
Toluene	<0.00050		0.00050	0.00015	mg/L			10/11/16 22:42	1
trans-1,3-Dichloropropene	<0.0010		0.0010	0.00036	mg/L			10/11/16 22:42	1
1,1,2-Trichloroethane	<0.0010		0.0010	0.00035	mg/L			10/11/16 22:42	1
Tetrachloroethene	<0.0010		0.0010	0.00037	mg/L			10/11/16 22:42	1
1,3-Dichloropropane	<0.0010		0.0010	0.00036	mg/L			10/11/16 22:42	1
2-Hexanone	<0.0050		0.0050	0.0016	mg/L			10/11/16 22:42	1
Dibromochloromethane	<0.0010		0.0010	0.00049	mg/L			10/11/16 22:42	1
1,2-Dibromoethane	<0.0010		0.0010	0.00039	mg/L			10/11/16 22:42	1
Chlorobenzene	<0.0010		0.0010	0.00039	mg/L			10/11/16 22:42	1
1,1,1,2-Tetrachloroethane	<0.0010		0.0010	0.00046	mg/L			10/11/16 22:42	1
Ethylbenzene	<0.00050		0.00050	0.00018	mg/L			10/11/16 22:42	1
m&p-Xylene	<0.0010		0.0010	0.00018	mg/L			10/11/16 22:42	1
o-Xylene	<0.00050		0.00050	0.00022	mg/L			10/11/16 22:42	1
Styrene	<0.0010		0.0010	0.00039	mg/L			10/11/16 22:42	1
Bromoform	<0.0010		0.0010	0.00048	mg/L			10/11/16 22:42	1
Isopropylbenzene	<0.0010		0.0010	0.00039	mg/L			10/11/16 22:42	1
Bromobenzene	<0.0010		0.0010	0.00036	mg/L			10/11/16 22:42	1
1,1,2,2-Tetrachloroethane	<0.0010		0.0010	0.00040	mg/L			10/11/16 22:42	1
1,2,3-Trichloropropane	<0.0010		0.0010	0.00041	mg/L			10/11/16 22:42	1
N-Propylbenzene	<0.0010		0.0010	0.00041	mg/L			10/11/16 22:42	1

Client Sample Results

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-118397-1

Client Sample ID: GP-31 I

Date Collected: 10/11/16 10:45
Date Received: 10/11/16 13:32

Lab Sample ID: 500-118397-2
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorotoluene	<0.0010		0.0010	0.00031	mg/L			10/11/16 22:42	1
1,3,5-Trimethylbenzene	<0.0010		0.0010	0.00025	mg/L			10/11/16 22:42	1
4-Chlorotoluene	<0.0010		0.0010	0.00035	mg/L			10/11/16 22:42	1
tert-Butylbenzene	<0.0010		0.0010	0.00040	mg/L			10/11/16 22:42	1
1,2,4-Trimethylbenzene	<0.0010		0.0010	0.00036	mg/L			10/11/16 22:42	1
sec-Butylbenzene	<0.0010		0.0010	0.00040	mg/L			10/11/16 22:42	1
1,3-Dichlorobenzene	<0.0010		0.0010	0.00040	mg/L			10/11/16 22:42	1
p-Isopropyltoluene	<0.0010		0.0010	0.00036	mg/L			10/11/16 22:42	1
1,4-Dichlorobenzene	<0.0010		0.0010	0.00036	mg/L			10/11/16 22:42	1
n-Butylbenzene	<0.0010		0.0010	0.00039	mg/L			10/11/16 22:42	1
1,2-Dichlorobenzene	<0.0010		0.0010	0.00033	mg/L			10/11/16 22:42	1
1,2-Dibromo-3-Chloropropane	<0.0050		0.0050	0.0020	mg/L			10/11/16 22:42	1
1,2,4-Trichlorobenzene	<0.0010		0.0010	0.00034	mg/L			10/11/16 22:42	1
Hexachlorobutadiene	<0.0010		0.0010	0.00045	mg/L			10/11/16 22:42	1
Naphthalene	<0.0010		0.0010	0.00034	mg/L			10/11/16 22:42	1
1,2,3-Trichlorobenzene	<0.0010		0.0010	0.00046	mg/L			10/11/16 22:42	1
1,3-Dichloropropene, Total	<0.0010		0.0010	0.00042	mg/L			10/11/16 22:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*71 - 127*		*10/11/16 22:42*	*1*
Toluene-d8 (Surr)	*94*		*75 - 120*		*10/11/16 22:42*	*1*
4-Bromofluorobenzene (Surr)	*113*		*71 - 120*		*10/11/16 22:42*	*1*
Dibromofluoromethane	*94*		*70 - 120*		*10/11/16 22:42*	*1*

Client Sample Results

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-118397-1

Client Sample ID: GP-31 S

Date Collected: 10/11/16 11:45
Date Received: 10/11/16 13:32

Lab Sample ID: 500-118397-3
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.0020		0.0020	0.00067	mg/L			10/11/16 23:07	1
Chloromethane	<0.0010		0.0010	0.00032	mg/L			10/11/16 23:07	1
Vinyl chloride	<0.00050		0.00050	0.00020	mg/L			10/11/16 23:07	1
Bromomethane	<0.0020		0.0020	0.00080	mg/L			10/11/16 23:07	1
Chloroethane	<0.0010		0.0010	0.00051	mg/L			10/11/16 23:07	1
Trichlorofluoromethane	<0.0010		0.0010	0.00043	mg/L			10/11/16 23:07	1
1,1-Dichloroethene	<0.0010		0.0010	0.00039	mg/L			10/11/16 23:07	1
Carbon disulfide	<0.0020		0.0020	0.00045	mg/L			10/11/16 23:07	1
Acetone	<0.0050		0.0050	0.0017	mg/L			10/11/16 23:07	1
Methylene Chloride	<0.0050		0.0050	0.0016	mg/L			10/11/16 23:07	1
trans-1,2-Dichloroethene	<0.0010		0.0010	0.00035	mg/L			10/11/16 23:07	1
Methyl tert-butyl ether	<0.0010		0.0010	0.00039	mg/L			10/11/16 23:07	1
1,1-Dichloroethane	<0.0010		0.0010	0.00041	mg/L			10/11/16 23:07	1
2,2-Dichloropropane	<0.0010		0.0010	0.00044	mg/L			10/11/16 23:07	1
cis-1,2-Dichloroethene	<0.0010		0.0010	0.00041	mg/L			10/11/16 23:07	1
Methyl Ethyl Ketone	<0.0050		0.0050	0.0021	mg/L			10/11/16 23:07	1
Bromochloromethane	<0.0010		0.0010	0.00043	mg/L			10/11/16 23:07	1
Chloroform	<0.0010		0.0010	0.00037	mg/L			10/11/16 23:07	1
1,1,1-Trichloroethane	**0.0034**		0.0010	0.00038	mg/L			10/11/16 23:07	1
1,1-Dichloropropene	<0.0010		0.0010	0.00030	mg/L			10/11/16 23:07	1
Carbon tetrachloride	<0.0010		0.0010	0.00038	mg/L			10/11/16 23:07	1
Benzene	<0.00050		0.00050	0.00015	mg/L			10/11/16 23:07	1
1,2-Dichloroethane	<0.0010		0.0010	0.00039	mg/L			10/11/16 23:07	1
Trichloroethene	<0.00050		0.00050	0.00016	mg/L			10/11/16 23:07	1
1,2-Dichloropropane	<0.0010		0.0010	0.00043	mg/L			10/11/16 23:07	1
Dibromomethane	<0.0010		0.0010	0.00027	mg/L			10/11/16 23:07	1
Bromodichloromethane	<0.0010		0.0010	0.00037	mg/L			10/11/16 23:07	1
cis-1,3-Dichloropropene	<0.0010		0.0010	0.00042	mg/L			10/11/16 23:07	1
methyl isobutyl ketone	<0.0050		0.0050	0.0022	mg/L			10/11/16 23:07	1
Toluene	<0.00050		0.00050	0.00015	mg/L			10/11/16 23:07	1
trans-1,3-Dichloropropene	<0.0010		0.0010	0.00036	mg/L			10/11/16 23:07	1
1,1,2-Trichloroethane	<0.0010		0.0010	0.00035	mg/L			10/11/16 23:07	1
Tetrachloroethene	<0.0010		0.0010	0.00037	mg/L			10/11/16 23:07	1
1,3-Dichloropropane	<0.0010		0.0010	0.00036	mg/L			10/11/16 23:07	1
2-Hexanone	<0.0050		0.0050	0.0016	mg/L			10/11/16 23:07	1
Dibromochloromethane	<0.0010		0.0010	0.00049	mg/L			10/11/16 23:07	1
1,2-Dibromoethane	<0.0010		0.0010	0.00039	mg/L			10/11/16 23:07	1
Chlorobenzene	<0.0010		0.0010	0.00039	mg/L			10/11/16 23:07	1
1,1,1,2-Tetrachloroethane	<0.0010		0.0010	0.00046	mg/L			10/11/16 23:07	1
Ethylbenzene	<0.00050		0.00050	0.00018	mg/L			10/11/16 23:07	1
m&p-Xylene	<0.0010		0.0010	0.00018	mg/L			10/11/16 23:07	1
o-Xylene	<0.00050		0.00050	0.00022	mg/L			10/11/16 23:07	1
Styrene	<0.0010		0.0010	0.00039	mg/L			10/11/16 23:07	1
Bromoform	<0.0010		0.0010	0.00048	mg/L			10/11/16 23:07	1
Isopropylbenzene	<0.0010		0.0010	0.00039	mg/L			10/11/16 23:07	1
Bromobenzene	<0.0010		0.0010	0.00036	mg/L			10/11/16 23:07	1
1,1,2,2-Tetrachloroethane	<0.0010		0.0010	0.00040	mg/L			10/11/16 23:07	1
1,2,3-Trichloropropane	<0.0010		0.0010	0.00041	mg/L			10/11/16 23:07	1
N-Propylbenzene	<0.0010		0.0010	0.00041	mg/L			10/11/16 23:07	1

Client Sample Results

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-118397-1

Client Sample ID: GP-31 S

Date Collected: 10/11/16 11:45
Date Received: 10/11/16 13:32

Lab Sample ID: 500-118397-3
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorotoluene	<0.0010		0.0010	0.00031	mg/L			10/11/16 23:07	1
1,3,5-Trimethylbenzene	<0.0010		0.0010	0.00025	mg/L			10/11/16 23:07	1
4-Chlorotoluene	<0.0010		0.0010	0.00035	mg/L			10/11/16 23:07	1
tert-Butylbenzene	<0.0010		0.0010	0.00040	mg/L			10/11/16 23:07	1
1,2,4-Trimethylbenzene	<0.0010		0.0010	0.00036	mg/L			10/11/16 23:07	1
sec-Butylbenzene	<0.0010		0.0010	0.00040	mg/L			10/11/16 23:07	1
1,3-Dichlorobenzene	<0.0010		0.0010	0.00040	mg/L			10/11/16 23:07	1
p-Isopropyltoluene	<0.0010		0.0010	0.00036	mg/L			10/11/16 23:07	1
1,4-Dichlorobenzene	<0.0010		0.0010	0.00036	mg/L			10/11/16 23:07	1
n-Butylbenzene	<0.0010		0.0010	0.00039	mg/L			10/11/16 23:07	1
1,2-Dichlorobenzene	<0.0010		0.0010	0.00033	mg/L			10/11/16 23:07	1
1,2-Dibromo-3-Chloropropane	<0.0050		0.0050	0.0020	mg/L			10/11/16 23:07	1
1,2,4-Trichlorobenzene	<0.0010		0.0010	0.00034	mg/L			10/11/16 23:07	1
Hexachlorobutadiene	<0.0010		0.0010	0.00045	mg/L			10/11/16 23:07	1
Naphthalene	<0.0010		0.0010	0.00034	mg/L			10/11/16 23:07	1
1,2,3-Trichlorobenzene	<0.0010		0.0010	0.00046	mg/L			10/11/16 23:07	1
1,3-Dichloropropene, Total	<0.0010		0.0010	0.00042	mg/L			10/11/16 23:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*71 - 127*		*10/11/16 23:07*	*1*
Toluene-d8 (Surr)	*96*		*75 - 120*		*10/11/16 23:07*	*1*
4-Bromofluorobenzene (Surr)	*113*		*71 - 120*		*10/11/16 23:07*	*1*
Dibromofluoromethane	*91*		*70 - 120*		*10/11/16 23:07*	*1*

Definitions/Glossary

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-118397-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

QC Association Summary

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-118397-1

GC/MS VOA

Analysis Batch: 355633

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-118397-1	GP-31 D	Total/NA	Water	8260B	
500-118397-2	GP-31 I	Total/NA	Water	8260B	
500-118397-3	GP-31 S	Total/NA	Water	8260B	
MB 500-355633/6	Method Blank	Total/NA	Water	8260B	
LCS 500-355633/4	Lab Control Sample	Total/NA	Water	8260B	

Surrogate Summary

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-118397-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	TOL	BFB	DBFM
Lab Sample ID	Client Sample ID	(71-127)	(75-120)	(71-120)	(70-120)
500-118397-1	GP-31 D	104	94	115	93
500-118397-2	GP-31 I	104	94	113	94
500-118397-3	GP-31 S	102	96	113	91
LCS 500-355633/4	Lab Control Sample	100	98	105	88
MB 500-355633/6	Method Blank	106	92	113	93

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane

QC Sample Results

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-118397-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 500-355633/6
Matrix: Water
Analysis Batch: 355633

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.0020		0.0020	0.00067	mg/L			10/11/16 21:02	1
Chloromethane	<0.0010		0.0010	0.00032	mg/L			10/11/16 21:02	1
Vinyl chloride	<0.00050		0.00050	0.00020	mg/L			10/11/16 21:02	1
Bromomethane	<0.0020		0.0020	0.00080	mg/L			10/11/16 21:02	1
Chloroethane	<0.0010		0.0010	0.00051	mg/L			10/11/16 21:02	1
Trichlorofluoromethane	<0.0010		0.0010	0.00043	mg/L			10/11/16 21:02	1
1,1-Dichloroethene	<0.0010		0.0010	0.00039	mg/L			10/11/16 21:02	1
Carbon disulfide	<0.0020		0.0020	0.00045	mg/L			10/11/16 21:02	1
Acetone	<0.0050		0.0050	0.0017	mg/L			10/11/16 21:02	1
Methylene Chloride	<0.0050		0.0050	0.0016	mg/L			10/11/16 21:02	1
trans-1,2-Dichloroethene	<0.0010		0.0010	0.00035	mg/L			10/11/16 21:02	1
Methyl tert-butyl ether	<0.0010		0.0010	0.00039	mg/L			10/11/16 21:02	1
1,1-Dichloroethane	<0.0010		0.0010	0.00041	mg/L			10/11/16 21:02	1
2,2-Dichloropropane	<0.0010		0.0010	0.00044	mg/L			10/11/16 21:02	1
cis-1,2-Dichloroethene	<0.0010		0.0010	0.00041	mg/L			10/11/16 21:02	1
Methyl Ethyl Ketone	<0.0050		0.0050	0.0021	mg/L			10/11/16 21:02	1
Bromochloromethane	<0.0010		0.0010	0.00043	mg/L			10/11/16 21:02	1
Chloroform	<0.0010		0.0010	0.00037	mg/L			10/11/16 21:02	1
1,1,1-Trichloroethane	<0.0010		0.0010	0.00038	mg/L			10/11/16 21:02	1
1,1-Dichloropropene	<0.0010		0.0010	0.00030	mg/L			10/11/16 21:02	1
Carbon tetrachloride	<0.0010		0.0010	0.00038	mg/L			10/11/16 21:02	1
Benzene	<0.00050		0.00050	0.00015	mg/L			10/11/16 21:02	1
1,2-Dichloroethane	<0.0010		0.0010	0.00039	mg/L			10/11/16 21:02	1
Trichloroethene	<0.00050		0.00050	0.00016	mg/L			10/11/16 21:02	1
1,2-Dichloropropane	<0.0010		0.0010	0.00043	mg/L			10/11/16 21:02	1
Dibromomethane	<0.0010		0.0010	0.00027	mg/L			10/11/16 21:02	1
Bromodichloromethane	<0.0010		0.0010	0.00037	mg/L			10/11/16 21:02	1
cis-1,3-Dichloropropene	<0.0010		0.0010	0.00042	mg/L			10/11/16 21:02	1
methyl isobutyl ketone	<0.0050		0.0050	0.0022	mg/L			10/11/16 21:02	1
Toluene	<0.00050		0.00050	0.00015	mg/L			10/11/16 21:02	1
trans-1,3-Dichloropropene	<0.0010		0.0010	0.00036	mg/L			10/11/16 21:02	1
1,1,2-Trichloroethane	<0.0010		0.0010	0.00035	mg/L			10/11/16 21:02	1
Tetrachloroethene	<0.0010		0.0010	0.00037	mg/L			10/11/16 21:02	1
1,3-Dichloropropane	<0.0010		0.0010	0.00036	mg/L			10/11/16 21:02	1
2-Hexanone	<0.0050		0.0050	0.0016	mg/L			10/11/16 21:02	1
Dibromochloromethane	<0.0010		0.0010	0.00049	mg/L			10/11/16 21:02	1
1,2-Dibromoethane	<0.0010		0.0010	0.00039	mg/L			10/11/16 21:02	1
Chlorobenzene	<0.0010		0.0010	0.00039	mg/L			10/11/16 21:02	1
1,1,1,2-Tetrachloroethane	<0.0010		0.0010	0.00046	mg/L			10/11/16 21:02	1
Ethylbenzene	<0.00050		0.00050	0.00018	mg/L			10/11/16 21:02	1
m&p-Xylene	<0.0010		0.0010	0.00018	mg/L			10/11/16 21:02	1
o-Xylene	<0.00050		0.00050	0.00022	mg/L			10/11/16 21:02	1
Styrene	<0.0010		0.0010	0.00039	mg/L			10/11/16 21:02	1
Bromoform	<0.0010		0.0010	0.00048	mg/L			10/11/16 21:02	1
Isopropylbenzene	<0.0010		0.0010	0.00039	mg/L			10/11/16 21:02	1
Bromobenzene	<0.0010		0.0010	0.00036	mg/L			10/11/16 21:02	1
1,1,2,2-Tetrachloroethane	<0.0010		0.0010	0.00040	mg/L			10/11/16 21:02	1
1,2,3-Trichloropropane	<0.0010		0.0010	0.00041	mg/L			10/11/16 21:02	1

QC Sample Results

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-118397-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-355633/6
Matrix: Water
Analysis Batch: 355633

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Propylbenzene	<0.0010		0.0010	0.00041	mg/L			10/11/16 21:02	1
2-Chlorotoluene	<0.0010		0.0010	0.00031	mg/L			10/11/16 21:02	1
1,3,5-Trimethylbenzene	<0.0010		0.0010	0.00025	mg/L			10/11/16 21:02	1
4-Chlorotoluene	<0.0010		0.0010	0.00035	mg/L			10/11/16 21:02	1
tert-Butylbenzene	<0.0010		0.0010	0.00040	mg/L			10/11/16 21:02	1
1,2,4-Trimethylbenzene	<0.0010		0.0010	0.00036	mg/L			10/11/16 21:02	1
sec-Butylbenzene	<0.0010		0.0010	0.00040	mg/L			10/11/16 21:02	1
1,3-Dichlorobenzene	<0.0010		0.0010	0.00040	mg/L			10/11/16 21:02	1
p-Isopropyltoluene	<0.0010		0.0010	0.00036	mg/L			10/11/16 21:02	1
1,4-Dichlorobenzene	<0.0010		0.0010	0.00036	mg/L			10/11/16 21:02	1
n-Butylbenzene	<0.0010		0.0010	0.00039	mg/L			10/11/16 21:02	1
1,2-Dichlorobenzene	<0.0010		0.0010	0.00033	mg/L			10/11/16 21:02	1
1,2-Dibromo-3-Chloropropane	<0.0050		0.0050	0.0020	mg/L			10/11/16 21:02	1
1,2,4-Trichlorobenzene	<0.0010		0.0010	0.00034	mg/L			10/11/16 21:02	1
Hexachlorobutadiene	<0.0010		0.0010	0.00045	mg/L			10/11/16 21:02	1
Naphthalene	<0.0010		0.0010	0.00034	mg/L			10/11/16 21:02	1
1,2,3-Trichlorobenzene	<0.0010		0.0010	0.00046	mg/L			10/11/16 21:02	1
1,3-Dichloropropene, Total	<0.0010		0.0010	0.00042	mg/L			10/11/16 21:02	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*71 - 127*		*10/11/16 21:02*	*1*
Toluene-d8 (Surr)	*92*		*75 - 120*		*10/11/16 21:02*	*1*
4-Bromofluorobenzene (Surr)	*113*		*71 - 120*		*10/11/16 21:02*	*1*
Dibromofluoromethane	*93*		*70 - 120*		*10/11/16 21:02*	*1*

Lab Sample ID: LCS 500-355633/4
Matrix: Water
Analysis Batch: 355633

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	0.0500	0.0466		mg/L		93	51 - 140
Chloromethane	0.0500	0.0576		mg/L		115	60 - 140
Vinyl chloride	0.0500	0.0473		mg/L		95	70 - 126
Bromomethane	0.0500	0.0377		mg/L		75	40 - 150
Chloroethane	0.0500	0.0483		mg/L		97	60 - 139
Trichlorofluoromethane	0.0500	0.0468		mg/L		94	60 - 126
1,1-Dichloroethene	0.0500	0.0421		mg/L		84	70 - 125
Carbon disulfide	0.0500	0.0465		mg/L		93	68 - 125
Acetone	0.0500	0.0349		mg/L		70	37 - 141
Methylene Chloride	0.0500	0.0430		mg/L		86	68 - 125
trans-1,2-Dichloroethene	0.0500	0.0425		mg/L		85	70 - 125
Methyl tert-butyl ether	0.0500	0.0431		mg/L		86	67 - 125
1,1-Dichloroethane	0.0500	0.0490		mg/L		98	70 - 125
2,2-Dichloropropane	0.0500	0.0536		mg/L		107	62 - 125
cis-1,2-Dichloroethene	0.0500	0.0423		mg/L		85	70 - 125
Methyl Ethyl Ketone	0.0500	0.0434		mg/L		87	52 - 142
Bromochloromethane	0.0500	0.0389		mg/L		78	70 - 125
Chloroform	0.0500	0.0470		mg/L		94	70 - 125

QC Sample Results

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-118397-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-355633/4
Matrix: Water
Analysis Batch: 355633

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	0.0500	0.0446		mg/L		89	70 - 125
1,1-Dichloropropene	0.0500	0.0499		mg/L		100	70 - 125
Carbon tetrachloride	0.0500	0.0424		mg/L		85	70 - 125
Benzene	0.0500	0.0446		mg/L		89	70 - 125
1,2-Dichloroethane	0.0500	0.0493		mg/L		99	70 - 125
Trichloroethene	0.0500	0.0403		mg/L		81	70 - 125
1,2-Dichloropropane	0.0500	0.0488		mg/L		98	70 - 125
Dibromomethane	0.0500	0.0432		mg/L		86	70 - 125
Bromodichloromethane	0.0500	0.0474		mg/L		95	70 - 125
cis-1,3-Dichloropropene	0.0500	0.0503		mg/L		101	70 - 125
methyl isobutyl ketone	0.0500	0.0441		mg/L		88	47 - 140
Toluene	0.0500	0.0484		mg/L		97	70 - 125
trans-1,3-Dichloropropene	0.0500	0.0524		mg/L		105	70 - 125
1,1,2-Trichloroethane	0.0500	0.0454		mg/L		91	70 - 125
Tetrachloroethene	0.0500	0.0463		mg/L		93	70 - 125
1,3-Dichloropropane	0.0500	0.0539		mg/L		108	70 - 125
2-Hexanone	0.0500	0.0478		mg/L		96	49 - 139
Dibromochloromethane	0.0500	0.0456		mg/L		91	66 - 125
1,2-Dibromoethane	0.0500	0.0459		mg/L		92	70 - 125
Chlorobenzene	0.0500	0.0467		mg/L		93	70 - 125
1,1,1,2-Tetrachloroethane	0.0500	0.0433		mg/L		87	68 - 125
Ethylbenzene	0.0500	0.0462		mg/L		92	70 - 125
m&p-Xylene	0.0500	0.0493		mg/L		99	70 - 125
o-Xylene	0.0500	0.0490		mg/L		98	70 - 125
Styrene	0.0500	0.0481		mg/L		96	70 - 125
Bromoform	0.0500	0.0466		mg/L		93	54 - 128
Isopropylbenzene	0.0500	0.0443		mg/L		89	70 - 125
Bromobenzene	0.0500	0.0447		mg/L		89	70 - 125
1,1,2,2-Tetrachloroethane	0.0500	0.0479		mg/L		96	68 - 125
1,2,3-Trichloropropane	0.0500	0.0490		mg/L		98	63 - 125
N-Propylbenzene	0.0500	0.0478		mg/L		96	70 - 125
2-Chlorotoluene	0.0500	0.0483		mg/L		97	69 - 125
1,3,5-Trimethylbenzene	0.0500	0.0442		mg/L		88	70 - 125
4-Chlorotoluene	0.0500	0.0489		mg/L		98	70 - 125
tert-Butylbenzene	0.0500	0.0422		mg/L		84	70 - 125
1,2,4-Trimethylbenzene	0.0500	0.0443		mg/L		89	70 - 125
sec-Butylbenzene	0.0500	0.0443		mg/L		89	70 - 125
1,3-Dichlorobenzene	0.0500	0.0416		mg/L		83	70 - 125
p-Isopropyltoluene	0.0500	0.0424		mg/L		85	70 - 125
1,4-Dichlorobenzene	0.0500	0.0413		mg/L		83	70 - 125
n-Butylbenzene	0.0500	0.0454		mg/L		91	70 - 125
1,2-Dichlorobenzene	0.0500	0.0406		mg/L		81	70 - 125
1,2-Dibromo-3-Chloropropane	0.0500	0.0446		mg/L		89	51 - 125
1,2,4-Trichlorobenzene	0.0500	0.0390		mg/L		78	64 - 126
Hexachlorobutadiene	0.0500	0.0453		mg/L		91	57 - 140
Naphthalene	0.0500	0.0352		mg/L		70	50 - 136
1,2,3-Trichlorobenzene	0.0500	0.0368		mg/L		74	58 - 135

QC Sample Results

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-118397-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-355633/4
Matrix: Water
Analysis Batch: 355633

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*71 - 127*
Toluene-d8 (Surr)	*98*		*75 - 120*
4-Bromofluorobenzene (Surr)	*105*		*71 - 120*
Dibromofluoromethane	*88*		*70 - 120*

Lab Chronicle

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-118397-1

Client Sample ID: GP-31 D

Lab Sample ID: 500-118397-1
Matrix: Water

Date Collected: 10/11/16 09:30
Date Received: 10/11/16 13:32

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	355633	10/11/16 22:17	PMF	TAL CHI

Client Sample ID: GP-31 I

Lab Sample ID: 500-118397-2
Matrix: Water

Date Collected: 10/11/16 10:45
Date Received: 10/11/16 13:32

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	355633	10/11/16 22:42	PMF	TAL CHI

Client Sample ID: GP-31 S

Lab Sample ID: 500-118397-3
Matrix: Water

Date Collected: 10/11/16 11:45
Date Received: 10/11/16 13:32

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	355633	10/11/16 23:07	PMF	TAL CHI

Laboratory References:

TAL CHI = TestAmerica Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Certification Summary

Client: Autumnwood Consultants
Project/Site: Central Wire

TestAmerica Job ID: 500-118397-1

Laboratory: TestAmerica Chicago

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
Illinois	NELAP	5	100201	04-30-17

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
8260B		Water	1,3-Dichloropropene, Total

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

2417 Bond Street, University Park, IL 60484
Phone: 708.534.5200 Fax: 708.534.5211

Chain of Custody Record

Lab Job #: 500-118397

Chain of Custody Number:

Page 1 of 1

Temperature °C of Cooler: 4.9

(optional)

Report To
Contact: J. Thorsen
Company: Autumn wood Cons.
Address: 6539 Autumnwood Ct
Address: Mt. Pleasant WI 53403
Phone: 262.237.1130
Fax:
E-Mail: jack@autumnwoodesh.com

(optional)

Bill To
Contact: G. Rupp
Company: Central Wire
Address: 6509 Olson Rd
Address: Union IL 60180
Phone: 815 923 2131
Fax:
PO#/Reference#

Client: Central Wire
Client Project #:
Project Name: October RCRA CMI Field Inv
Project Location/State:
Lab Project #:
Sampler:
Lab PM:

Preservative: HCl
Parameter: VOA

Preservative Key
1. HCL, Cool to 4°
2. H2SO4, Cool to 4°
3. HNO3, Cool to 4°
4. NaOH, Cool to 4°
5. NaOH/Zn, Cool to 4°
6. NaHSO4
7. Cool to 4°
8. None
9. Other

Lab ID	MS/MSD	Sample ID	Sampling Date	Sampling Time	# of Containers	Matrix	Comments
1		GP-31D	10/11	0930	3	W	
2		GP-31I	10/11	1045	1		
3		GP-31S	10/11	1145	1		

Turnaround Time Required (Business Days)
X 1 Day ___ 2 Days ___ 5 Days ___ 7 Days ___ 10 Days ___ 15 Days _____ Other
Requested Due Date _____

Sample Disposal
☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
J. Thorsen	Autumnwood	10/11/16	1200	P. Neal	TA	10/11/16	1200
P. Neal	TA	10/11/16	1332	[illegible]	TA	10/11/16	1332

Lab Courier ✓
Shipped
Hand Delivered

Matrix Key
WW – Wastewater
W – Water
S – Soil
SL – Sludge
MS – Miscellaneous
OL – Oil
A – Air
SE – Sediment
SO – Soil
L – Leachate
WI – Wipe
DW – Drinking Water
O – Other

Client Comments

Lab Comments:

500-118397 COC

TAL-4124-500 (1209)

10/12/2016

Login Sample Receipt Checklist

Client: Autumnwood Consultants

Job Number: 500-118397-1

Login Number: 118397
List Number: 1
Creator: Kelsey, Shawn M

List Source: TestAmerica Chicago

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	4.9c
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	